IN THE CLAIMS

Please amend Claims 1, 17, 26, 28, 31, 37, 38, 40 and 41, cancel Claim 22 without prejudice, and add new Claims 45-51 as follows:

1. (Currently amended)   A computer readable medium comprising instructions which, when executed:

compile a plurality of containers from audio visual control descriptor data, wherein at least a portion of said data is accessible via multiple memory addresses;

register one or more fields of said audio visual control descriptor data within each said container;

arrange said containers into a logical hierarchy; and

present the hierarchy to a device requesting data;

wherein said device requesting data can access individual ones of said plurality of containers thereby accessing portions of said audio visual control descriptor data without having to access all of said audio visual control descriptor data.

2. (Previously presented)   The computer readable medium of Claim 1, further comprising:

instructions for associating addresses with each of said fields sequentially enumerated within each of said containers.

3. (Previously presented)   The computer readable medium of Claim 2, further comprising instructions for mapping said fields to a prescribed field list.

4. (Previously presented)   The computer readable medium of Claim 3, further comprising instructions for:

accessing any field within any container independently of any other container; and

reading data from any field within any container without affecting the access to any other container.

5. (Previously presented)   The computer readable medium of Claim 4, wherein said plurality of containers comprise in combination an audio visual control general object list descriptor.

6. – 13. (Canceled)

14. (Previously presented)   The computer readable medium of Claim 1 wherein at least one of said plurality of containers comprises a direct representation of a data field in an audio visual control descriptor.

15. (Previously presented)   The computer readable medium of Claim 14 wherein at least one of said plurality of containers comprises an alternate representation of a second audio visual control descriptor field.

16. (Previously presented)   The computer readable medium of Claim 15 wherein at least one of said plurality of containers comprises information on how to produce a third audio visual control descriptor field.

17. (Currently amended)   The computer readable medium of Claim 1, further comprising an instruction, which, when executed:

recompiles said plurality of containers containing audio visual control descriptor data into a format compliant with ~~the AV/C General specification~~ revision 3.0 of the AV/C Digital Interface Command Set General Specification.

18. – 25. (Canceled)

26. (Currently amended)   A storage device comprising a computer readable medium comprising instructions which, when executed on a computer system:

compile a plurality of containers containing media control descriptor data, wherein at least a portion of said media control descriptor data is adapted to be accessed when its parent is accessed;

arrange said containers into a logical hierarchy; and

present the hierarchy to a device requesting data;

wherein said plurality of containers each comprise one or more data fields of an audio visual control descriptor data, wherein a first data field in a first one of said plurality of containers comprises a static data field and a second data field in a second one of said plurality of containers comprises a dynamic data field.

27. (Previously presented)   The storage device of Claim 26, wherein at least one of said plurality of containers comprises an alternate representation of a second audio visual control descriptor field.

28. (Currently amended)   The storage device of Claim 26, further comprising at least one instruction which when executed recompiles said plurality of containers containing audio

visual control descriptor data into a format compliant with ~~the AV/C General specification~~ <u>revision 3.0 of the AV/C Digital Interface Command Set General Specification</u>.

29. (Previously presented)   The storage device of Claim 26, further comprising instructions which when executed:

5   identify a top level data container containing audio visual control descriptor data;

initialize one or more compilation attributes;

read the container data; and

copy said read container data into a readable storage area.

30. (Previously presented)   The storage device of Claim 26, further comprising

10   instructions which when executed:

access any field within any container independently of any other container; and

write data to any dynamic data field without affecting the access to any other container.

31. (Currently amended)   A computer readable medium comprising instructions which, when executed:

15   compile a plurality of containers from [[an]] <u>a contiguous</u> audio visual control descriptor data <u>stream</u>;

register one or more fields of said audio visual control descriptor data <u>stream</u> within each said container; and

arrange said containers into a logical hierarchy;

20   wherein individual ones of said plurality of containers associated with said audio visual control descriptor data <u>stream</u> are accessible by a device without affecting access to any other container, thereby allowing said plurality of containers to be substantially independent from one another.

32. (Previously presented)   The computer readable medium of Claim 31, further

25   comprising:

instructions for associating addresses with each of said fields sequentially enumerated within each of said containers.

33. (Previously presented)   The computer readable medium of Claim 32, further comprising instructions for mapping said fields to a prescribed field list.

30   34. (Previously presented)   The computer readable medium of Claim 33, further comprising instructions for:

reading data from any field within any container without affecting the access to any other container.

35. (Previously presented) The computer readable medium of Claim 34, wherein said plurality of containers comprise in combination an audio visual control general object list descriptor.

36. (Previously presented) The computer readable medium of Claim 31, further comprising instructions which, when executed:

establish a read buffer in a memory space and set the read buffer offset to zero;

establish a received address request as a starting address; and

establish a received read length request as a length sought.

37. (Currently amended) A storage device comprising a computer readable medium comprising instructions which, when executed on a computer system:

read a <u>contiguous</u> media control descriptor data <u>stream</u> comprising a first format;

compile a plurality of containers containing ~~said media control descriptor~~ data <u>from said stream</u>, said plurality of containers comprising a second format;

arrange said containers into a logical hierarchy; and

present the hierarchy to a device requesting ~~said media control descriptor~~ data <u>from said stream</u>.

38. (Currently amended) The storage device of Claim 37, wherein said plurality of containers are individually accessible by a device requesting data thereby allowing access to an individual container without affecting the access to any other container containing ~~said media control descriptor~~ data <u>from said stream</u>; and

wherein, absent said plurality of containers, said media control descriptor data <u>stream</u> would have to be accessed as a whole.

39. (Previously presented) The storage device of Claim 38, further comprising instructions which, when executed:

compile said plurality of containers in said second format back into said first format.

40. (Currently amended) The storage device of Claim 37, wherein said media control descriptor data is compliant with ~~the AV/C general specification~~ <u>revision 3.0 of the AV/C Digital Interface Command Set General Specification</u>.

-5-

41. (Currently amended) A computer readable medium comprising instructions which, when executed on a computer system:

compile a plurality of containers each adapted to contain at least a portion of ~~containing~~ a media control descriptor data stream, wherein at least one of said portions is accessible through

5   the data stream via multiple memory addresses, said media control descriptor data comprising a plurality of data fields;

arrange said containers into a logical hierarchy, each of said containers comprising one or more of said plurality of data fields; and

present the hierarchy to a device requesting data;

10   wherein a first data field of said plurality of data fields comprises a static data field in a first container and a second data field in said plurality of data fields comprises a dynamic data field in a second container.

42. (Previously presented) The computer readable medium of Claim 41, further comprising instructions which, when executed on a computer system:

15   access said static data field in said first container without affecting access to said dynamic data field in said second container.

43. (Previously presented) The computer readable medium of Claim 41, further comprising:

instructions for associating addresses with each of said fields sequentially

20   enumerated within each of said containers.

44. (Previously presented) The computer readable medium of Claim 43, further comprising instructions for mapping said fields to a prescribed field list.

45. (New) A computer readable medium comprising instructions which, when executed by a computer:

25   create a plurality of containers, each container comprising at least a portion of a data stream, wherein a segment of the data stream is adapted to be accessed if its parent is accessed;

arrange the containers into a logical hierarchy;

receive a data request for data comprised within the data stream; and

service the data request by accessing one or more of said containers.

30   46. (New) A storage device comprising a computer readable medium comprising instructions which, when executed on a computer system:

read a contiguous media control descriptor data stream comprising a first format;

compile a plurality of containers containing from said stream, said plurality of containers comprising a second format;

arrange said containers into a logical hierarchy;

5   present the hierarchy to a device requesting data from said stream; and

compile said plurality of containers in said second format back into said first format;

wherein said plurality of containers are individually accessible by a device requesting data thereby allowing access to an individual container without affecting the access to any other container containing data from said stream; and

10   wherein, absent said plurality of containers, said media control descriptor data stream would have to be accessed as a whole.

47. (New)   The storage device of Claim 46, wherein said media control descriptor data is compliant with revision 3.0 of the AV/C Digital Interface Command Set General Specification.

15   48. (New)   A storage device comprising a computer readable medium comprising instructions which, when executed on a computer system:

read media control descriptor data comprising a first format;

compile a plurality of containers containing said media control descriptor data, said plurality of containers comprising a second format;

20   arrange said containers into a logical hierarchy;

present the hierarchy to a device requesting said media control descriptor data; and

compile said plurality of containers in said second format back into said first format;

wherein said plurality of containers are individually accessible by a device requesting data thereby allowing access to an individual container without affecting the access to any other

25 container containing said descriptor data; and

wherein, absent said plurality of containers, said media control descriptor data would have to be accessed as a whole.

49. (New)   The storage device of Claim 48, wherein said media control descriptor data is compliant with revision 3.0 of the AV/C Digital Interface Command Set General

30 Specification.

50. (New)   A storage device comprising a computer readable medium comprising instructions which, when executed on a computer system:

read media control descriptor data rendered in at least a first format;

generate a plurality of containers of a second format containing said media control

5   descriptor data, and arrange said containers into a hierarchy;

present at least a portion of the hierarchy to a device requesting said media control

descriptor data; and

convert said plurality of containers in said second format back into said first format;

wherein said plurality of containers are individually accessible by said requesting device,

10   thereby allowing access to individual ones of said containers without affecting the access to any

other of said containers; and

wherein, absent said plurality of containers, said media control descriptor data could not

be individually accessed.

51. (New)   The storage device of Claim 50, wherein said media control descriptor

15   data is compliant with revision 3.0 of the AV/C Digital Interface Command Set General

Specification.